SEQUENCE LISTING

<110> JASPERS, STEPHEN
     SHEPPARD, PAUL
     DEISHER, THERESA
     BISHOP, PAUL

<120> Zsig33-like Peptides

<130> 00-30

<150> 60/203,300
<151> 2000-05-11

<160> 28

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 527
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (50)...(400)

<400> 1
gaattcggct cgagctgcag gcccacctgt ctgcaaccca gctgaggcc atg ccc tcc   58
                                                        Met Pro Ser
                                                          1

cca ggg acc gtc tgc agc ctc ctg ctc ctc ggc atg ctc tgg ctg gac   106
Pro Gly Thr Val Cys Ser Leu Leu Leu Leu Gly Met Leu Trp Leu Asp
  5   10   15

ttg gcc atg gca ggc tcc agc ttc ctg agc cct gaa cac cag aga gtc   154
Leu Ala Met Ala Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val
 20   25   30   35

cag cag aga aag gag tcg aag aag cca cca gcc aag ctg cag ccc cga   202
Gln Gln Arg Lys Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
                40   45   50.

```
gct cta gca ggc tgg ctc cgc ccg gaa gat gga ggt caa gca gaa ggg     250
Ala Leu Ala Gly Trp Leu Arg Pro Glu Asp Gly Gly Gln Ala Glu Gly
            55                  60                  65

gca gag gat gaa ctg gaa gtc cgg ttc aac gcc ccc ttt gat gtt gga     298
Ala Glu Asp Glu Leu Glu Val Arg Phe Asn Ala Pro Phe Asp Val Gly
            70                  75                  80

atc aag ctg tca ggg gtt cag tac cag cag cac agc cag gcc ctg ggg     346
Ile Lys Leu Ser Gly Val Gln Tyr Gln Gln His Ser Gln Ala Leu Gly
            85                  90                  95

aag ttt ctt cag gac atc ctc tgg gaa gag gcc aaa gag gcc cca gcc     394
Lys Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala
100                 105                 110                 115

gac aag tgatcgccca caagccttac tcacctctct ctaagtttag aagcgctcat     450
Asp Lys


ctggctttc gcttgcttct gcagcaactc ccacgactgt tgtacaagct caggaggcga     510
ataaatgttc aaactgt                                                  527
```

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        <210> 2
        <211> 117
        <212> PRT
        <213> Homo sapiens

        <400> 2
Met Pro Ser Pro Gly Thr Val Cys Ser Leu Leu Leu Leu Gly Met Leu
1               5                   10                  15
Trp Leu Asp Leu Ala Met Ala Gly Ser Ser Phe Leu Ser Pro Glu His
            20                  25                  30
Gln Arg Val Gln Gln Arg Lys Glu Ser Lys Lys Pro Pro Ala Lys Leu
            35                  40                  45
Gln Pro Arg Ala Leu Ala Gly Trp Leu Arg Pro Glu Asp Gly Gly Gln
        50                  55                  60
Ala Glu Gly Ala Glu Asp Glu Leu Glu Val Arg Phe Asn Ala Pro Phe
65                  70                  75                  80
Asp Val Gly Ile Lys Leu Ser Gly Val Gln Tyr Gln Gln His Ser Gln
                85                  90                  95
```

Ala Leu Gly Lys Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu
     100   105   110
Ala Pro Ala Asp Lys
    115

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<210> 3
<211> 72
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(72)

<400> 3
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gct cta gca ggc tgg ctc cgc ccg gaa gat gga ggt caa gca gaa ggg   48
Ala Leu Ala Gly Trp Leu Arg Pro Glu Asp Gly Gly Gln Ala Glu Gly
1   5   10   15

gca gag gat gaa ctg gaa gtc cgg   72
Ala Glu Asp Glu Leu Glu Val Arg
    20

```
<210> 4
<211> 24
<212> PRT
<213> Homo sapiens

<400> 4
```

Ala Leu Ala Gly Trp Leu Arg Pro Glu Asp Gly Gly Gln Ala Glu Gly
1   5   10   15
Ala Glu Asp Glu Leu Glu Val Arg
    20

```
<210> 5
<211> 23
<212> PRT
<213> Homo sapiens

<400> 5
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Ala Leu Ala Gly Trp Leu Arg Pro Glu Asp Gly Gly Gln Ala Glu Gly
1   5   10   15

Ala Glu Asp Glu Leu Glu Val
       20

<210> 6
<211> 23
<212> PRT
<213> Homo sapiens

<220>
<221> AMIDATION
<222> (23)...(23)

<400> 6
Ala Leu Ala Gly Trp Leu Arg Pro Glu Asp Gly Gly Gln Ala Glu Gly
1   5   10   15
Ala Glu Asp Glu Leu Glu Val
       20

<210> 7
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> degenerate sequence

<221> misc_feature
<222> (1)...(72)
<223> n = A,T,C or G

<400> 7
gcnytngcng gntggytnmg nccngargay ggnggncarg cngarggngc ngargaygar   60
ytngargtnm gn   72

<210> 8
<211> 75
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(75)

<400> 8

```
ttc aac gcc ccc ttt gat gtt gga atc aag ctg tca ggg gtt cag tac      48
Phe Asn Ala Pro Phe Asp Val Gly Ile Lys Leu Ser Gly Val Gln Tyr
1               5                   10                  15

cag cag cac agc cag gcc ctg ggg aag                                  75
Gln Gln His Ser Gln Ala Leu Gly Lys
                20                  25
```

<210> 9
<211> 25
<212> PRT
<213> Homo sapiens

<400> 9

```
Phe Asn Ala Pro Phe Asp Val Gly Ile Lys Leu Ser Gly Val Gln Tyr
1               5                   10                  15
Gln Gln His Ser Gln Ala Leu Gly Lys
                20                  25
```

<210> 10
<211> 24
<212> PRT
<213> Homo sapiens

<400> 10

```
Phe Asn Ala Pro Phe Asp Val Gly Ile Lys Leu Ser Gly Val Gln Tyr
1               5                   10                  15
Gln Gln His Ser Gln Ala Leu Gly
                20
```

<210> 11
<211> 23
<212> PRT
<213> Homo sapiens

<220>
<221> AMIDATION
<222> (23)...(23)

<400> 11

Phe Asn Ala Pro Phe Asp Val Gly Ile Lys Leu Ser Gly Val Gln Tyr
1   5   10   15
Gln Gln His Ser Gln Ala Leu
            20

    <210> 12
    <211> 75
    <212> DNA
    <213> Artificial Sequence

    <220>
    <223> degenerate sequence

    <221> misc_feature
    <222> (1)...(75)
    <223> n = A,T,C or G

    <400> 12
ttyaaygcnc cnttygaygt nggnathaar ytnwsnggng tncartayca rcarcaywsn   60
cargcnytng gnaar   75

    <210> 13
    <211> 51
    <212> DNA
    <213> Homo sapiens

    <220>
    <221> CDS
    <222> (1)...(51)

    <400> 13
ttt ctt cag gac atc ctc tgg gaa gag gcc aaa gag gcc cca gcc gac   48
Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala Asp
 1   5   10   15

aag   51
Lys

    <210> 14
    <211> 17

<212> PRT
<213> Homo sapiens

<400> 14
Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala Asp
1   5   10   15
Lys

<210> 15
<211> 16
<212> PRT
<213> Homo sapiens

<400> 15
Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala Asp
1   5   10   15

<210> 16
<211> 16
<212> PRT
<213> Homo sapiens

<220>
<221> AMIDATION
<222> (16)...(16)

<400> 16
Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala Asp
1   5   10   15

<210> 17
<211> 15
<212> PRT
<213> Homo sapiens

<220>
<221> AMIDATION
<222> (15)...(15)

<400> 17
Phe Leu Gln Asp Ile Leu Trp Glu Glu Ala Lys Glu Ala Pro Ala
1   5   10   15

```
<210> 18
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> degenerate sequence


<221> misc_feature
<222> (1)...(51)
<223> n = A,T,C or G

<400> 18
ttyytncarg ayathytntg ggargargcn aargargcnc cngcngayaa r          51

<210> 19
<211> 30
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(30)

<400> 19
ttc aac gcc ccc ttt gat gtt gga atc aag                          30
Phe Asn Ala Pro Phe Asp Val Gly Ile Lys
 1               5                   10

<210> 20
<211> 10
<212> PRT
<213> Homo sapiens

<400> 20
Phe Asn Ala Pro Phe Asp Val Gly Ile Lys
 1               5                   10

<210> 21
<211> 9
```

```
<212> PRT
<213> Homo sapiens

<400> 21
Phe Asn Ala Pro Phe Asp Val Gly Ile
1               5


<210> 22
<211> 9
<212> PRT
<213> Homo sapiens

<220>
<221> AMIDATION
<222> (9)...(9)

<400> 22
Phe Asn Ala Pro Phe Asp Val Gly Ile
1               5


<210> 23
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> degenerate sequence


<221> misc_feature
<222> (1)...(30)
<223> n = A,T,C or G

<400> 23
ttyaaygcnc cnttygaygt nggnathaar                                    30


<210> 24
<211> 45
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
```

<222> (1)...(45)

<400> 24
```
ctg tca ggg gtt cag tac cag cag cac agc cag gcc ctg ggg aag        45
Leu Ser Gly Val Gln Tyr Gln Gln His Ser Gln Ala Leu Gly Lys
 1               5                  10                  15
```

<210> 25
<211> 15
<212> PRT
<213> Homo sapiens

<400> 25
```
Leu Ser Gly Val Gln Tyr Gln Gln His Ser Gln Ala Leu Gly Lys
 1               5                  10                  15
```

<210> 26
<211> 13
<212> PRT
<213> Homo sapiens

<220>
<221> AMIDATION
<222> (13)...(13)

<400> 26
```
Leu Ser Gly Val Gln Tyr Gln Gln His Ser Gln Ala Leu
 1               5                  10
```

<210> 27
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> degenerate sequence

<221> misc_feature
<222> (1)...(45)
<223> n = A,T,C or G

<400> 27
ytnwsnggng tncartayca rcarcaywsn cargcnytng gnaar   45

<210> 28
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Glu-Glu (CEE) tag amino acid sequence

<400> 28
Glu Tyr Met Pro Met Glu
 1   5